

**NON-PROVISIONAL  
UTILITY PATENT APPLICATION  
TRANSMITTAL - 37 CFR 1.53(b)**

**Duplicate [ ]  
(check, if applicable)**

Commissioner for Patents  
**MAIL STOP PATENT APPLICATION**  
P.O. Box 1450  
Alexandria, VA 22313-1450

**Attorney Docket No. 053893-5027-01**  
**First Named Inventor: Dreyfuss et al.**  
**Express Mail No.: EV164948965US**  
Total Pages of Transmittal Form: 2

03970 U.S. PTO  
10/677662



Transmitted herewith for filing is the non-provisional utility patent application entitled:

**COMPOSITIONS, METHODS AND KITS USEFUL FOR THE DIAGNOSIS AND  
TREATMENT OF SPINAL MUSCULAR ATROPHY**

which is:

an ☐ Original; or

a ☐ Continuation, ☒ Divisional, or ☐ Continuation-in-part (CIP)  
of prior Patent Application No. 09/399,081 filed September 17, 1999.

☐ This non-provisional patent application is based on Provisional Patent Application No. \_\_\_\_\_, filed  
\_\_\_\_\_.

Enclosed are:

- ☒ Copy of Specification (including Abstract) and claims: 174 pages.
- ☐ Application Data Sheet.
- ☐ Newly executed/unexecuted Declaration (original/copy).
- ☒ Copy of Declaration from prior application.
- ☐ Copy of Revocation and Power of Attorney filed in Parent  
Application No. \_\_\_\_\_.
- ☐ Separate Power of Attorney (including 37 CFR 3.73(b) statement, if applicable).
- ☒ Copy of 46 sheets of original (formal) drawings as filed in prior Patent Application No.  
09/399,081 filed September 17, 1999.
- ☐ Microfiche computer program (Appendix).
- ☒ Nucleotide and/or Amino Acid Sequence Submission, including:
  - ☐ Computer readable copy ☒ Paper Copy ☒ Verified Statement.
- ☒ Please transfer the diskette version of the Sequence Listing from Parent Application No.  
09/399,081 to the present application.
- ☐ Under PTO-1595 Cover Sheet, an assignment of the invention
- ☒ Name of Assignee: Trustees of the University of Pennsylvania
- ☐ Certified copy(ies) of \_\_\_\_\_ Application No(s). \_\_\_\_\_ filed \_\_\_\_\_ is/are filed:
  - ☐ herewith or ☐ in prior application &@.
- ☒ Applicant(s), by its/their undersigned attorney, claim(s) Small Entity Status under 37 C.F.R.  
§1.27 as ☐ an Independent Inventor, or ☐ a Small Business Concern, or ☒ a Non-Profit  
Organization.

- ☒ Preliminary Amendment.
- ☒ Information Disclosure Statement and PTO-1449. Copies of the references cited are not included as they have been filed or cited in the parent application no. 09/399,081.
- ☐ Request for Nonpublication of Application Under 35 U.S.C. §122(b)
- ☒ Other: Transmittal of Formal Drawings and fifty-six (56) revised formal drawing sheets as filed in parent application on February 11, 2003. Clean and Marked-up copies of the substitute specification (minus claims) and copy of Declaration pursuant to 37 C.F.R. 1.125.

The filing fee is calculated as follows:

			SMALL ENTITY			LARGE ENTITY	
CLAIMS	NO. FILED	NO. EXTRA	BASIC FEE: \$385			BASIC FEE: \$770	
Total	12 -20 =	0	X9	\$0	OR	X18	\$
Independent	2-3=	0	X43	\$0	OR	X86	\$
<input type="checkbox"/> Multiple Dependent Claims Present			\$145	\$	OR	\$290	\$
			<b>TOTAL</b>	<b>\$385.00</b>	<b>OR</b>	<b>TOTAL</b>	<b>\$</b>

- ☐ **The Commissioner is not authorized to charge the filing fee at this time as we elect to defer payment of the entire filing fee until receipt of a Notice to File Missing Parts.**
- ☐ A check in the amount of \$\_\_\_\_\_ to cover the filing fee is enclosed.
- ☒ The Commissioner is hereby authorized to charge and/or credit **Deposit Account No. 50-0310 (Billing No. 053893-5027-01)** as noted below.
- ☒ Any overpayments or deficiencies in the above-calculated fee.
- ☒ Filing fee in the amount of \$ 385.00 as calculated above.
- ☐ Any additional fees required under 37 C.F.R. § 1.16 and § 1.17.
- ☒ In the event that a Petition for Extension of Time is required during the prosecution of this application, but not submitted, please charge any extension fee under 37 C.F.R. § 1.136(a) to our Deposit Account noted above.

**CORRESPONDENCE ADDRESS:**

October 2, 2003  
(Date)

By:

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RMA/QDN/prw

Enclosures

EXPRESS MAIL NO.: EV164948965US

**PATENT  
MAIL-STOP PATENT APPLICATION**

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re:	Patent Application of Gideon Dreyfuss <i>et al.</i>	: Group Art Unit: To Be Assigned : :
Appln. No.:	To Be Assigned	: Examiner: To Be Assigned : :
Filed:	Herewith	: Attorney Docket : :
For:	COMPOSITIONS, METHODS AND KITS USEFUL FOR THE DIAGNOSIS AND TREATMENT OF SPINAL MUSCULAR ATROPHY:	: No. 053893-5027-01 : :

**TRANSMITTAL OF FORMAL DRAWINGS**

**Attention Official Draftsperson:**

Enclosed are Fifty-Six (56) sheets, Figures 1-52, of formal drawings, corresponding to the above identified application. It is respectfully submitted that the enclosed formal drawings are in acceptable form.

Respectfully submitted,

**GIDEON DREYFUSS *ET AL.***

October 2, 2003  
Date

By: *Raquel M. Alvarez*  
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Enclosures